

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 4175-1413:100 Page 1 of 2

CATEGORY: Roof Covering/Miscellaneous

LISTEE: Hydro Seal Coatings Co., Inc., 12151 Madera Way, Riverside CA 92503
Contact: Helena Lapper (909) 789-2800

DESIGN: "HYDRO SEAL" or "HYDROTHANE II" coating and "HSF-200" polyurethane foam. Systems listed as follow:

CLASS A: Noncombustible deck, incline: 4, "HSF-200 2.5"/3/0" foam at any thickness, "Hydro Seal" base coat applied at 1.5 gal/100 sq.ft., "Hydro Seal" top coat applied at 1.5 gal/sq. followed by a min. of 35 lb/100 sq.ft. sand or granules.

Noncombustible deck, incline: 2, "HSF-200 2.5"/3.0" foam at 1" min., "Hydrothane II" base coat applied at 1.5 gal/sq., "Hydro Seal" top coat applied at 1.5 gal/100 sq. ft. followed by a min. of 35 lb/100 sq.ft. sand or granules.

Noncombustible deck, incline: 3/4, Burtin Urethane Corp foam-BUC 124-2", 2.5" or 3" thick, "Hydro Seal" surfacing applied at 3 gal/100 sq.ft.

Noncombustible deck, incline: 3/4, Polythane "HSF-200 2.5"/3.0" foam at 2" thick, "Hydro Seal" surfacing applied at 3 gal/100 sq.ft.

CLASS B: Combustible 15/32 deck, incline: 2, "HSF-200 2.5/3.0" foam at 1" min., "Hydrothane II" base coat applied at 1.5 gal/sq., "Hydro Seal" top coat applied at 1.5 gal/sq. followed by a min. of 35 lb/sq. sand or granules.

Noncombustible deck, incline: 1-1/2, Polythane "HSF-200 2.5"/3.0" or Burtin Urethane-BUC 124-2", 2.5" or 3" foam, 2" thick, "Hydro Seal" surfacing applied at 3 gal/100 sq.ft.

Combustible deck, 15/32 plywood minimum, incline: 1/2, Polythane "HSF-200 2.5"/3.0" at 1-1/2" or 2" thick, "Hydro Seal" surfacing applied at 3 gal/100 sq.ft.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, type of product and UL label.

APPROVAL: Listed as Class A (noncombustible decks only) or Class B roof assembly (combustible decks only) roof assembly system.

NOTE:

1. Formerly 4175-1156:100
2. Hydro Seal coat should not be used on cold storage tanks or buildings where a vapor barrier coating is required. It shall not be used for interior application in place of a thermal barrier.

*Rev. 02-26-97



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **MAY 16, 2001**

*Listing Expires **June 30, 2002***

Authorized By: **BEN HO**, Supervising Deputy
Program Manager